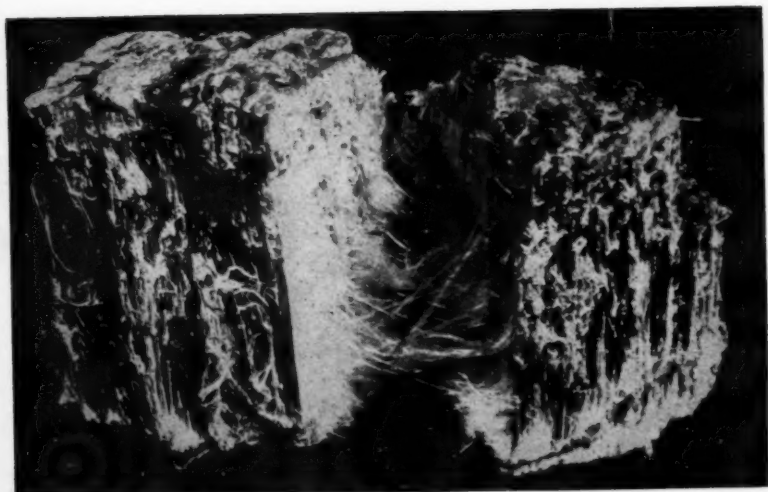


# ASBESTOS



Vermont (U.S.A.) Crude

Courtesy The Ruberoid Co.

JANUARY 1955

## An **IMPROVED** tape for shipboard and flame-resistant cable



### **R/M No. 7504 Novabestos® Tape**

This improved tape is designed for use as primary and secondary insulation. It is composed of 30-35% asbestos spinning fiber of a noncritical grade, 60-65% glass fiber, and only 3-5% organic binder. It meets the stipulations of Navy Class 4 for total and magnetic iron. No. 7504 Novabestos Tape is impregnated with 40% polyvinyl acetate to provide a tough, flexible, water-resistant and flame-resistant tape. Has tensile and wear strength to spare for maximum efficiency in taping head application.



#### **RAYBESTOS-MANHATTAN, INC.**

##### **ASBESTOS TEXTILE DIVISION, MANHEIM, PA.**

**FACTORIES:** Manheim, Pa.; Bridgeport, Conn.; No. Charleston, S.C.; Passaic, N.J.; Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ont., Can.

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# "ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED  
MONTHLY SINCE THAT DATE

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807 WESTERN SAVING FUND BLDG.  
S. E. COR. BROAD & CHESTNUT STS.  
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## GREETINGS TO THE ASBESTOS INDUSTRY

Editor's Note: Executives in the Industry have responded with enthusiasm to our suggestion to send Greetings and this year we have asked them to tell us what they think was the most important development in the Asbestos Industry during 1954. You will enjoy the various views expressed. We, of course, assume no responsibility for the statements made; the greetings are simply quoted as received.

*Ernest Muehleck, President, Keasbey & Mattison Company*

Another year has passed only too quickly, and again through the kindness of our industry magazine "ASBESTOS", I send greetings and best wishes for the coming year to our many good friends engaged in the mining, manufacturing and marketing of asbestos and the growing number of products in which it is used to aid mankind.

At the end of 1953 we were all confronted with a slump in business, brought about primarily by a change from a wartime to a peacetime economy, with almost everyone adjusting inventories downward. This was a levelling off period. The latter half of 1954 has shown a steady, healthy improvement which we believe, will continue throughout the coming year. Competition is keen. This is good provided we have confidence in ourselves, in others and in the future.

The year 1955 should see further developments towards improving quality and eye-appeal of asbestos-cement building materials.

A happy and prosperous New Year to all.

*A. R. Fisher, President, Johns-Manville Corporation*

We in Johns-Manville look forward confidently on the immediate and long-range prospects for the asbestos industry.

In Canada, the asbestos industry has backed up its confidence in the future by embarking on a \$70 million mining and milling expansion program in the Province of Quebec to make sure that their customers will have adequate supplies and grades of fibre for their needs now and in the future.

Last year Johns-Manville expanded its asbestos min-



# PIONEERS IN ASBESTOS

...for every  
purpose



**K**earbey & Mattison—original manufacturers of asbestos-cement roofing shingles in this country—produce a complete line of asbestos building materials: Siding and Roofing Shingles • Wallboards • Corrugated and Flat Lumber •

For Industry, we offer the following all-purpose asbestos products: Asbestos and Magnesia Pipe and Block Insulations • Asbestos Electrical Materials • Packings • Textiles • Paper and Millboard •

And for the efficient conveyance of water, we manufacture "Century" Asbestos-Cement Pipe.

*Nature  
made Asbestos...*

*Kearbey & Mattison  
has been making it serve  
mankind since 1873*



**KEASBEY & MATTISON  
COMPANY • AMBLER • PENNSYLVANIA**

ing and milling facilities at its Jeffrey Mine in Quebec, Munro Mine in Ontario and put into commercial operations the Shamala and Temeraire Mines in Southern Rhodesia, Africa.

We are sure that research programs carried on by asbestos producers and users will continue to develop new ways in which asbestos can serve men and industry as research has done so successfully in the past.

All of us in Johns-Manville are happy to take this opportunity to wish our friends in the asbestos industry a year of prosperity in 1955 and to pay our compliments to "ASBESTOS" magazine, the invaluable voice of our industry.

*Herbert Abraham Chairman, The Ruberoid Co.*

During 1954, asbestos-cement building products were better and more attractive than ever before. Yet sales of asbestos-cement roofing and siding failed to equal those of 1953, although building activity in 1954 was at a considerably higher level.

This decline in sales for a superior product in the midst of a building boom poses a problem of major importance for our industry. It points out that in this period of record demand for and ample supply of building materials we are feeling an intensified pressure from competitive products. Rival manufacturers have succeeded to some extent in stimulating a desire for their products where we have failed.

With this knowledge, our course for 1955 is apparent, if our industry is to grow and prosper. We must increase our promotion and sales efforts to create acceptance for asbestos-cement materials among builders, dealers and homeowners. In addition, there is still a widespread need for educating distributors and contractors in proper methods of handling, storing and applying our products, if homeowners are going to continue to reap the benefits of products that offer more attractiveness and durability with lower maintenance costs than any other.

As each of us approaches this problem in 1955, we may be assured that the harmony that has been maintained within the industry will continue for many years to come.

CABLE ADDRESS  
ASBESTIC. THETFORD MINES



**JOHNSON'S ASBESTOS COMPANY**  
MINE AT BLACK LAKE, QUE.

HEAD OFFICES  
THETFORD MINES, QUE.  
CANADA



Producers of **RAW ASBESTOS** Since 1875



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65a Bounds Green Road, LONDON, N 22

JAPAN ..... S. SAITO & COMPANY, 7th Floor, Marunouchi Building,  
TOKYO

BELGIUM ..... JOS IDE & FILS, 23, rue Mareyde,  
BRUSSELS (Woluwe St. Pierre)

GERMANY ..... ERNST WERNER, Import von Rohasbest,  
Katharinenstrasse 30, "Edmundhaus,"  
HAMBURG II,

Everyone in the Ruberoid organization wishes the entire industry a happy and prosperous New Year.

*J. F. Rohrbach, President, Raybestos-Manhattan, Inc.*

Even though we are being challenged at home and abroad, we are looking forward to a general improvement in business in 1955. At Raybestos-Manhattan we are starting the new year with confidence, realizing that there is an adequate supply of asbestos fibre which should enable us to develop new and improved products for general industrial use.

To all friends who have contributed to our success we send sincerest thanks and best wishes for 1955.

*W. E. Clark, Vice President and General Manager  
Textile Division, U. S. Rubber Co.*

It is our pleasure once again to have this opportunity to extend Season's Greetings from the United States Rubber Company to the Asbestos Industry.

During the year 1954, we have experienced, as anticipated, a lessening of military requirements for asbestos products and a return to the more normal peacetime demand.

Under these conditions, it is the responsibility of the Asbestos Industry as a whole to place greater emphasis on quality, service, and value if we expect to maintain a favorable, competitive position for the products of our Industry. We must be highly aggressive in the promotion of the use of asbestos in all fields, alert to new applications for our products, and must spur our research and development efforts toward these goals.

We, as an Industry, can continue to make valuable contributions to better the standards of living throughout the world, and insure prosperity for the years to come.

*R. H. Dent, Director, Cape Asbestos Company, Limited*

One of the most significant features, in my view, of the asbestos market during 1954 has been the continuing demand for fibre, though at a level lower than the peaks experienced some time ago, and the continued prosperity of the industry in the face of rising costs.



## ASBESTOS "Shorts" and "Floats"

**reduce moulding time and distortion**

The grades of Johns-Manville asbestos fibres recommended as moulding compound ingredients have both a high percentage of fines and a low fibre content that combine to reduce the quantity of air in the mass. This shortens moulding time . . . and minimizes distortion or rebound during drying.

In addition, these short fibres and fines improve the surface appearance of the plastic . . . whereas long fibres, "crudy" bundles, and coarse particles mar the surface and destroy the moulds.

For many other products such as adhesives, asphalt tile, texture paints, auto underbody coatings, and friction materials . . . these versatile asbestos "shorts" and "floats" provide important advantages when used as fillers, extenders, conditioners, reinforcers, and heat-resisting agents.

If you would like further information about the various uses, properties and classifications of these versatile forms of asbestos, write to us now for Brochures AFD-3A and 4A.



*Asbestos Fibre Division*  
**Canadian Johns-Manville Limited**

970 Sun Life Bldg.

(Telephone: UN-6-9701)

Montreal, P. Q., Canada

In order that asbestos shall continue to occupy its position as an essential element in building and engineering construction, it must be competitive with alternative materials in both price and quality. The constant endeavor now being made to improve the quality of fibre and the various products which spring from it will require to be vigorously pursued. The fullest energy must be devoted to developing and adapting asbestos products to ever-changing modern standards, in order to make the best use of this unique mineral.

With kindest regards and best wishes for Christmas and the New Year.

*A. L. Penhale, President & Managing Director, Asbestos Corporation Limited.*

On behalf of Asbestos Corporation Limited, it is with much pleasure that I send cordial greetings to all the readers of "ASBESTOS"

In 1954 for the first time since the end of the second World War it was apparent that the overall supply of asbestos was more nearly in balance with demand. The full effect of the expansion of Canadian asbestos production facilities however, has yet to be felt and in 1955 it is, I think, reasonable to suppose that the Canadian mines will be able to supply all demands made upon them.

We look forward to serving our many friends in the industry during the coming year and take this opportunity to wish them all a prosperous and Happy New Year.

*Edwin E. Hokin, President, Union Asbestos & Rubber Company.*

We extend to all our friends in the Asbestos Industry our Season's Greetings and Best Wishes for 1955.

The contribution of the Asbestos Mining group towards relieving the shortage of spinning fibre should be recognized as one of the important developments in the Asbestos Industry in 1954.

An assured ample supply of fibre will permit a renewed effort in recapturing lost markets, and further extend and broaden the uses of asbestos textiles. This, we believe, should be one of the important objectives for 1955.

# **Carey** **ASBESTOS**

Since 1873 Carey has been manufacturing products of which asbestos is an integral part.

And Carey research is constantly working to make those products work better and to develop new products which will utilize the outstanding qualities of asbestos.

## **THE CAREY LINE INCLUDES:**

Asbestos Corrugated Roofing and Siding  
Asbestos Fiber and Specialties  
Asbestos Flat Sheathing  
Asbestos Heat Insulations and Cements  
Asbestos Packing • Asbestos Roofing Felts  
Asbestos Paper and Millboard  
Asbestos Prefabricated Ducts  
Asbestos Shingles and Siding  
Asbestos Wallboard

**THE PHILIP CAREY MANUFACTURING CO.**  
**CINCINNATI 15, OHIO**

In Canada: The Philip Carey Co., Ltd., 277 Duke Street, Montreal 3, P. Q.

A Happy and Prosperous New Year to all our friends in the Industry.

*George S. Fabel, President, Thermoid Company*

Thermoid Company is grateful for this opportunity which "ASBESTOS" presents us to express our appreciation to our friends in the asbestos industry.

1954 has not been as good a year as we had expected. Improvement in the last quarter is encouraging. We feel 1955 will be some improvement over 1954.

We extend you at "ASBESTOS" and all our friends in the industry Season's Greetings.

*J. W. Humphrey, President, The Philip Carey Mfg. Co.*

Again, we thoroughly appreciate this opportunity to extend the season's greetings to our friends and associates in the asbestos industry.

With full consideration being given to the excellent prospects for another good building year ahead of us, the industry should expand the use of asbestos-cement products, both for residential and industrial construction. With the expansion of milling capacities by several of the large producers, asbestos supplies should be ample. Industrial products in which asbestos has been a satisfactory substitute are many, and with active research on the part of those whose investment and future are interwoven with the usage of asbestos fibres, substantial strides should be made in this direction.

We wish all the members of the industry a thoroughly happy and prosperous New Year.

*W. L. Keady, President, Pabco Products Inc.*

The most significant development in Asbestos Cement products during 1954 was the softening of sales volume in both siding and roofing.

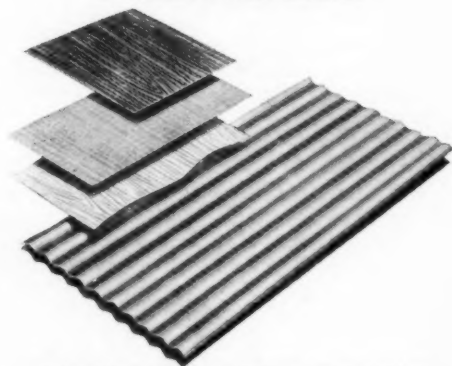
The sales effort expended to try and reverse this downward sales trend pointed up the great need for merchandising and advertising tools to promote Asbestos Cement products as quality building materials.

Asbestos Cement building materials are superior in many ways and the industry must make this superiority



**Gold  
Bond**

## **ASBESTOS-CEMENT PRODUCTS**



**CHROMA-TEX SIDING SHINGLES**  
with "Surfaseal" finish

•  
**ROOFING SHINGLES**

•  
**PLIABOARD  
PERMABOARD**

•  
**CORRUGATED ROOFING  
AND SIDING**

•  
**National Gypsum Company • Buffalo 2, N. Y.**

known as well as develop attractive colors and styling that will appeal to the home owner and buyer of 1955.

*A. M. Ehret, Jr., President & Treasurer, Ehret Magnesia Mfg. Company.*

It is a pleasure to send our greetings to the readers of "ASBESTOS".

The highly paid modern economists have replaced the highly revered ancient soothsayers in our estimations. As this is the season for forecasts, we respectfully trust that the joyful business predictions for 1955 will materialize. We feel that capital spending will continue at a rate which makes the industrial insulation outlook bright. Keen competition is also bound to remain which should enable all of us to keep on our toes without too much effort.

Best wishes for a Happy and Prosperous New Year.

*Melvin H. Baker, Chairman of the Board, National Gypsum Company.*

After two years in the asbestos business we have acquired considerable knowledge of the industry, its development and its traditions. We concur with the latest thinking of those in the industry and will cooperate in creating new markets and greater acceptance for asbestos-cement shingles.

Although we are still relatively new in the industry, we here at National Gypsum like to feel that we have already made some significant contributions to it. We are especially proud of our advertising and its theme of "up grading" the product.

Gold Bond salesmen in our new Product Training School use practically every known technique in applying asbestos shingles. It is our intention to impart to our men a knowledge of the best application techniques so that they in turn can promote them with the contractors. We all know that asbestos shingles are ideal for a great variety of homes but that other sidings have made inroads because, in many instances, of improper application.

There were, I understand rumors that National Gypsum wasn't really in earnest about the asbestos business. I believe that these rumors have been properly and



## Mundet Cork Corporation

Insulation Division, 7101 Tonnelle Ave., North Bergen, N. J.

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<b>DALLAS 10</b> 661 Second Ave.	<b>JACKSONVILLE 6, FLA.</b> 800 E. Bay St.	<b>NEW YORK 17</b> 331 Madison Ave.	

In Canada:  
Mundet Cork & Insulation, Ltd.,  
35 Booth Ave., Toronto

thoroughly dispelled. We are in the asbestos industry to stay.

Our three plants have been retooled and we are ready for the anticipated increase in building in 1955. We are confident of increased asbestos sales.

*Philip A. Meyer, President, Nicolet Asbestos Mines, Ltd.*

To "ASBESTOS" and all our friends in the industry Nicolet Asbestos Mines extends Best Wishes for a Happy 1955.

In our opinion, congratulations are in order to the Raw Asbestos Producers for their accomplishments of the past year. They have successfully discharged their responsibility to consuming manufacturers to see that there are adequate producing facilities to supply world markets with needed asbestos fibre. Their new and costly mills in Canada and Africa give tangible proof of what they have done. Although the demand for many grades of asbestos is, at present, off somewhat from recent years it should be only a matter of time before an expanding demand takes up the additional output.

Based on reports from well informed sources, populations in the world and in the United States in particular are expected to increase importantly for years to come. This means increased demand for goods including asbestos products. Economists and others, likewise forecast that general business for 1955 should approximate that of 1954. Therefore, it is reasonable to expect that the asbestos industry should do as well in 1955 as 1954.

*A. A. Lofquist, President, Norristown Magnesia & Asbestos Company*

In general, 1954 has been a successful year, if not a momentous one, for those in the low pressure field of the Asbestos Industry. The year that we are now entering will, we feel, also be a busy one with problems ahead that may be no less difficult and opportunities ahead that will be as challenging as they have been in the past.

To the readers of "ASBESTOS" we extend greetings and hope the New Year offers great happiness and achievement for all.



# **HAIR FELT**

**FOR**

## **Low Temperature Insulation**

---

**Newark Hair Felt Co.**

**1000 Maple Avenue  
Lansdale, Penna.**

## HOW JOHNS-MANVILLE CORPORATION'S TRANSITE PRESSURE PIPE IS MADE

Composed of an intimate mixture of asbestos fibres, cement and silica, TRANSITE Pressure Pipe is produced by a series of accurately controlled and supervised operations designed to produce a finished pipe of lasting strength and overall operating efficiency.

The asbestos fibres, whose tensile strengths run as high as some of the strongest steels, serve as a rigid, indestructible reinforcement throughout the pipe wall. In the manufacture of TRANSITE Pipe, these fibres are blended with pre-determined proportions of cement and silica. After mixing in a dry state, water is added and the resulting slurry is then further agitated to assure a uniform dispersion of the fibres throughout the mixture. Through the action of a broad endless belt, the slurry is transferred to a steel mandrel upon which the pipe is formed. The forming process occurs under tremendous pressure exerted by heavy hydraulic rolls which compress it into a tough, dense homogenous structure of great strength and durability.

The highly polished steel mandrel imparts an equally smooth interior surface to the pipe which accounts for its high flow capacity and operating efficiency.

After forming, TRANSITE Pressure Pipe is then subjected to a special steam curing process that contributes further to the chemical stability and structural integrity of the finished pipe. Here, in the curing tank under the action of pressure steam, a chemical change occurs in which the silica unites with the free lime associated with ordinary cement products and converts TRANSITE into a pipe material having greater chemical stability. As a result of this process, the cured pipe is unusually resistant to corrosive attack throughout its entire structure.

In the finishing department, the ends of the pipe are accurately trimmed and machined to the design requirements of the couplings to be used. Before shipment from the factory, each length of TRANSITE Pressure Pipe is subjected to a series of tests to confirm its ability to meet rigid specifications for quality, strength and uniformity. Typical of these is the hydrostatic pressure test, in which

# ASBESTOS

## ASBESTOS CORPORATION LIMITED

### THETFORD MINES

QUEBEC

CANADA

#### REPRESENTATIVES

**GREAT BRITAIN:**

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**GERMANY:**

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**NEW YORK, N. Y.:**

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ATLAS ASBESTOS CO., LTD.,  
5600 Hochelaga St.

**TORONTO I, ONT.:**

CANADIAN ASBESTOS ONTARIO LTD.,  
27 Front St., East

each individual section of pipe is tested at  $3\frac{1}{2}$  times its maximum recommended working pressure.

In the smaller sizes of pipe (up to 8"), every length of TRANSITE Pressure Pipe must successfully meet the requirements of a severe beam test.

These and other exacting tests help assure the uniform high quality of the pipe and are important contributing factors to the impressive performance records that TRANSITE Pressure Pipe has established in industrial service.

Recently Johns-Manville developed a new, pre-assembled Ring-Tite Coupling for installation by hand without tools. It is for use with TRANSITE Building Sewer Pipe, the asbestos-cement pipe for connecting homes with street sewers or septic tanks.

Essentially, the coupling is a sleeve of TRANSITE containing three rubber rings — a T-shaped middle ring and round outer rings. All of the rings are positioned within their retaining grooves at the factory. When the pipe ends move into the coupling, the outer rings are compressed making a tight and leakproof joint. The T-shaped middle ring forms a seal between the pipe ends and is designed to eliminate offsets so a smooth and continuous flow is assured.

Only two steps are required for assembling. First, a specially prepared Johns-Manville soap lubricant is applied to a pipe end; then, the Ring-Tite Coupling is placed against it and pushed home by hand. Second, the other pipe end is lubricated, placed next to the coupling and pulled home by hand. In other words, "one, two, and you're through."

The job is completed in a few minutes. The finished joint tightly guards against leaks and the possibility of line clogging due to root penetration. The pipe lengths are locked together securely, yet the joint has a flexibility that cushions against movements due to earth settlement or vibration.

The new Ring-Tite Coupling and a complete line of similarly designed adaptors and fittings are now available nationally through Johns-Manville distributors handling TRANSITE Building Sewer Pipe.





America's Largest  
**ASBESTOS**  
Mine

Lowell, Vermont

**ALL GRADES FOR ALL PURPOSES**

Address inquiries to The Ruberoid Co.,  
500 Fifth Avenue, New York 36, N. Y.

The **RUBEROID** Co.

**ASPHALT AND ASBESTOS BUILDING MATERIALS**

## AUSTRALIAN MINERAL INDUSTRY 1953 REVIEW

In 1953 production and consumption of asbestos in Australia exceeded the record high level of the previous year. Imports were at the same rate as in 1952, but the value of imports from non-dollar currency areas was appreciably lower. The proportion of dollar expenditure in the value of net imports rose to 64%, compared with the previous highest of 52% in 1952. Exports doubled in value, resulting in a considerable decrease in the value of net imports (i.e., the excess of imports over exports). Prices for Australian crocidolite were reduced twice during the year. Preliminary statistics suggest that world output of asbestos was lower in 1953 than in 1950.

An appreciable increase in output was recorded at each of the three operating concerns. Production of chrysotile at Baryulgil, N.S.W., was 22% higher than in 1952, and at Nunyerry and Lionel, W.A., 60% higher. Output of crocidolite at Wittenoom, W.A., 3,795 tons, was 30% above the year's figure. Total production of all types reached the record amount of 4,970 tons, compared with the previous highest of 4,059 tons in 1952.

Exports of crude and milled fibre increased in value to 388,450 in 1953, as compared with 190,440 in 1952. Type of fibre is not specified but it is estimated that most of the material exported during 1953 was crocidolite, the remainder being long-fibre chrysotile for which there is no demand in Australia.

Imports of all types in 1953 were 1,210 tons less than in the previous year and value was 172,715 lower, representing an overall reduction in the average value per ton.

According to more recent information, consumption during 1952 was higher than the estimate quoted previously. Estimates of consumption in recent years are as follows: 1951 — 23,000 tons; 1952 — 26,000 tons and 1953 — 28,000 tons.

The proportion of each type varies from year to year, but is believed to average out at about 60% chrysotile, 30% amosite, and 10% crocidolite.

# **DRYLON WET MACHINE FELTS**

**Wool and Nylon Blend Fleece**

**Carefully Engineered**

**To Meet**

**Your Individual**

**Problems**

**In**

**ASBESTOS CEMENT PRODUCTS**

**ASBESTOS MILLBOARD**

**ASBESTOS PAPER**

*\* Our Patented Construction Places the Nylon Where  
It is Most Effective*

**DRYCOR FELT COMPANY  
STAFFORDVILLE, CONN. USA.**

*\* Nylon Has Proved Itself Essential in Asbestos Cement Felts*

## RAYBESTOS FAVORS TURNING BRAKE DRUM

One of the perennial problems for brake servicemen is whether brake drums must be resurfaced on a relining job or whether they can be used as is.

Those against turning argue that taking metal out of the drum is injurious to the brake — (1) that thin drums expand excessively; and (2) that high heat builds up and cannot be dissipated.

Theoretically, these points are well-taken. In practice, these conditions certainly result when safe turning limits are ignored.

On the other side of the discussion, A. K. Litchfield, Chief Sales Engineer of Raybestos Division, Raybestos-Manhattan, Inc., Bridgeport, Conn., holds that both laboratory and field work have convinced him that resurfacing is almost invariably necessary if a first class job is to be guaranteed.

"When held within the limits recommended by the Service Managers Group, Automobile Manufacturers Association, resurfaced brake drums give better performance than those put back on the car without machining," Mr. Litchfield stated.

These limits are as follows: passenger cars and light trucks with 9 to 12 inch drums should not be machined beyond .060 inch on the inside diameter, with the exception that pre-1952 Lincolns and Mercurys and pre-1949 Fords should not be machined beyond .030 inch on the inside diameter.

Usually the surface of a worn brake drum is glazed from heat and pressure caused by continuous application of the brake. A new lining does not seat properly against the glazed surface. Therefore, the brake cannot perform properly.

Light resurfacing, to break the glaze, does not take much metal from the drum. But it does insure a good fit between the drum surface and the new lining.

Out-of-round drums cause excessive vibration, noise, heat and subsequent brake fade. This condition can be felt by the foot of the driver as pedal rise.

# SMITH & KANZLER CO.

*Manufacturers of*  
**ASBESTOS PAPER**

*Pipe Covering & Blocks*

*Air Cell*

*Wool Felt*

*Anti Sweat*

*Anti Freeze*

*Sponge Felt*

*Multi Ply*

**Established 1920**

**East Linden Ave., Linden, N.J.**

Concavity and bell-mouthing also give poor lining or drum contact resulting in unsatisfactory performance, excessive vibration and noise. And grooved brake drums add the possibility of scored linings. All of these conditions can be rectified only by machining the drums.

The procedure recommended by Raybestos Division is to check the drum for oversize with a drum micrometer at the deepest groove. Then check the drum for distortion. Determine whether it is possible to resurface the drum within the limits of safety. If it is not, replace the drum.

In resurfacing, Raybestos engineers recommend a slow finish cut. They have found that a fast or rough cut results in fine threading of the drum. This is another cause of noise.

## **JOHN HOLT & COMPANY INC**

17 State St.

New York 4, N. Y.

Importers of South African Asbestos

Representing

**JOHN HOLT & COMPANY (PTY) LTD.**

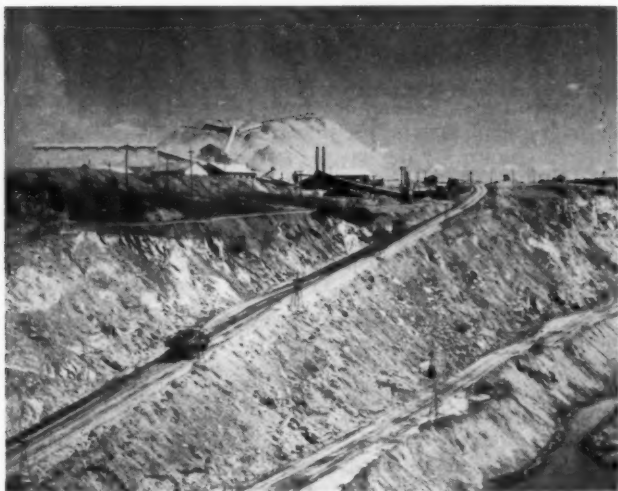
JOHANNESBURG

CAPETOWN

*Fight Polio in '55!*

*Join the*  
**MARCH OF DIMES**  
*January 3-31*

## CANADIAN ASBESTOS FIBERS



THE NICOLET MINE  
Norbestos (via Warwick)  
Que.

*Address Inquiries to:*

**NICOLET ASBESTOS MINES LIMITED INC.\***

**70 Pine Street**

**New York 5, New York**

*\*One of the NICOLET Industries*

## BUILDING

The year 1954 has already set a new all-time record for construction contract awards, according to Thomas S. Holden, vice chairman of F. W. Dodge Corporation.

November building and engineering contracts in the 37 eastern states, as compiled from Dodge Reports, brought the eleven-month total for 1954 to \$17,941,370,000, more than the figure for the entire year 1953.

November awards totalled \$1,498,850,000, the highest November total in Dodge's 63-year history and nearly 8 per cent ahead of November, 1953. The figure for eleven months of 1954 was 11 per cent ahead of the corresponding eleven-month period of 1953.

Residential building showed by far the greatest gain, 28 per cent ahead of last year for the eleven-month period. Public and private works and utilities were 3 per cent ahead of last year on an eleven-month basis, while non-residential building was down less than 1 per cent. The drop in non-residential was due to the fact that a few extremely large atomic energy plant contracts were awarded last year; if atomic energy contracts are disregarded, other non-residential building actually shows a 7 per cent increase over last year.

Commenting on these trends, Mr. Holden said: "This year's record contract volume reflects the mounting demand pressures resulting from rapid population growth and high productivity of the economy. Current record-breaking construction volumes are no more than keeping pace with current demands for most classes of structures, and are actually lagging behind current demand in at least two categories, schools and highways.

The eleven-month 1954 dollar volume totals are: non-residential, \$6,408,921,000; residential, \$7,756,714,000; public and private works and utilities (heavy engineering), \$3,775,735,000.

November dollar totals were down 24 per cent from October last year.



**AMOSITE  
CROCIDOLITE  
MONTASITE  
CHRYBOTILE**

**MINING AND GENERAL TECHNICIANS  
(PTY) LTD.**

Have much pleasure in announcing that in future all fibres produced will be exported directly by its own Export Department.

The Company is the only producer in Africa of

**MONTASITE  
ASBESTOS**

And in addition to its well-known established mines, has recently taken over extensive areas for the production of

**AMOSITE  
AND  
CROCIDOLITE**

Production, Grading and Refining from our mines are under the personal control of

**MR. ALBERT SCHECHTER**

A well-known pioneer of Asbestos Mining.

Buyers are assured of keen prices, prompt and regular shipments and highest quality products.

**MINING AND GENERAL  
TECHNICIANS (PTY) LTD.,  
141 - 145 ANNAN HOUSE  
JOHANNESBURG, SOUTH AFRICA**

# MARKET   CONDITIONS

## GENERAL BUSINESS.

General market conditions continued to improve during December. Industrial production showed substantial increases in most lines, employment was up and retail sales were very good during the Christmas season. Both financial and industrial leaders as well as professional economists are predicting a continuation of the improvement during 1955. Certainly the next few months promise to be busy and profitable for labor and industry and there are many indications that this activity may well continue through the entire new year.

## ASBESTOS — MANUFACTURED GOODS.

*Asbestos Textiles.* Substantial improvement has been experienced within the last six to eight weeks. Equipment business has improved together with business from distribution, etc. It is predicted that a slight improvement should be experienced during next year over that of the past year.

*Asbestos Brake Lining.* Equipment sales were good for the last quarter. Replacement industry is in the process of inventory but should wind up the year slightly in advance of last year. All predictions for 1955 point to a record year in both equipment and replacement sales.

*Asbestos Paper.* At the present time the demand for asbestos paper is lower than at any time during the year and competition is severe, due to excess of supply over demand. The demand for *Millboard* is about equal to that of 1953, with slightly more small orders being received this year. At the present time the demand for *Asbestos Felt* is less than production and is expected to continue, at least, for the first quarter of 1955 due to weather conditions.

*Insulation. High Pressure.* There appears to be some improvement in the booking of orders. This is noticed particularly in the requirements for block. There is also an increase in the demand for high temperature materials indicating that some of the influx is for processing industries. It is anticipated that 1955 will represent as large a

volume as the past year, although it will come more from small additions, maintenance and repairs to existing plants.

*Insulation. Low Pressure.* Orders for low pressure insulation have increased somewhat during December as many projects draw toward completion before the real severe winter weather sets in.

*Asbestos Cement Products.* This market is seasonally slow. While experiencing the usual season decline, the December siding business was ahead of last year.

The demand for Corrugated & Flat is less than production and is expected to continue for the next several months.

The Pressure and Sewer Pipe markets are beginning to feel the expected seasonal slow-up. This change is also reflected in the demand for House Pipes and Conduits. It is predicted that a good demand for asbestos-pipe and allied products will exist during 1955.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

### **List Plus Price Tables**

Now available: Pipe Covering Net Price Tables for tables (0) Zero Plus Table 99 to two (2) times table 0, 1/2" to 14" Pipe. Size, 1" and 1 1/2" Thick. One hundred tables on six pages with cover. Price 75c each, three for \$2.00, post paid in the U. S. A. and Canada. K. L. Brown, 8910 River Ridge, Minneapolis 20, Minn.

**WILHELM BURGDORF**

*Importer of Raw Asbestos*

P. O. Box 1131, BREMEN, GERMANY

## AUTOMOBILE SALES

November 1954

Passenger Cars .....	498,248
Motor Trucks .....	89,232
Motor Coaches .....	305

587.785

In November 1953, a total of 452,987 motor vehicles were sold. In the eleven months of 1954 the total was 5,834,639.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

## PHILLIPS ASBESTOS MINES

### Producers of

## CRUDES

404

## FIBERIZED ASBESTOS

## The World's Finest Fibres

**DRAWER 71**

**GLOBE, ARIZONA**

Mines and Mills in Gila Co., Arizona

"Tropag"

**ASBEST- & ERZIMPORT OSCAR H. RITTER K. G.**  
Hamburg · — · Ballindamm 7

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## ASBESTOS - ORES - MINERALS

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**MILLBOARD · YARNS  
PROCESSED FIBERS  
ROVINGS · CLOTHS**

You get a guaranteed high standard of quality  
from the only manufacturer of  
Blue Asbestos Products operating its  
own mines:

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114-116 Park Street, London, W.1.

*Your inquiries are invited by the following  
Cape Asbestos Co. subsidiaries:*

**In United States**

**NORTH AMERICAN ASBESTOS CORPORATION**

Board of Trade Building, Chicago 4, Illinois

**In Canada**

**CAPE ASBESTOS (Canada) Ltd.**

200 Bloor Street East, Toronto, Ontario

# **PRODUCTION STATISTICS**

## **CANADA**

(Department of Mines, Province of Quebec)

*Tons 2000 lbs.*

Production for October 1954 ..... 85,006 tons  
 Compared with October 1953 ..... 77,579 tons  
 Dominion production for October 1954 was 88,394 tons, a  
 difference of 3,388 tons, from the Quebec figure.

## **AFRICA (Rhodesia)**

(Published by Rhodesia Chamber of Mines)

*Tons 2000 lbs.*

Production for August 1954 ..... 7,021.21 tons  
 Valued at ..... £523,307  
 Production for August 1953 ..... 7,533.10 tons  
 Valued at ..... £481,473  
 Production for September 1954 ..... 6,892.74 tons  
 Valued at ..... £487,894  
 Production for September 1953 ..... 7,630.49 tons  
 Valued at ..... £482,619

## **AFRICA (Swaziland)**

Production for October 1954 ..... 2,409 tons  
 Production for November 1954 ..... 2,540 tons

**AUSTRIA**—In 1953 the imports of asbestos totaled 1,910.2  
 metric tons valued at Sch. 11,048,000 and under E.R.P. (direct  
 aid) totaled 3,587 tons valued at Sch. 14,114,000. Exports were  
 negligible. (From Mineral Trade Notes, Sept. 1954)

## **Union of South Africa**

(Quarterly Information Report — Dept. of Mines)

*Tons 2000 lbs.*

2nd Quarter (April, May & June 1954)

	Production		Local Sales		Exports	
	Tons		Tons	Value	Tons	Value
Amosite .....	11,785		1,024	£27,724	11,103	£ 436,989
Anthophyllite .....						
Chrysotile .....	3,507	274	20,785		4,458	289,463
Cape Blue .....	6,854	250	13,915		6,180	462,664
Transvaal Blue ..	3,702	67	3,823		3,135	223,684
	25,848	1,615	£66,247		24,876	£1,412,800

# CENTRAL ASBESTOS CO. LTD.

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Corner of Our Factory in London Showing  
Asbestos Awaiting Processing

## CAPE BLUE ASBESTOS

- HIGH TENSILE STRENGTH
- HIGH ACID RESISTANCE
- STRICT QUALITY CONTROL

DIRECT FROM THE MINES IN SOUTH AFRICA  
OR FROM BUFFER STOCKS IN LONDON

*We process to customers' requirements all types of Asbestos*  
ENQUIRIES WELCOMED FOR

**CAPE BLUE • TRANSVAAL BLUE • AMOSITE • CHRYSOTILE ETC.**

# IMPORTS AND EXPORTS

## Imports into U.S.A.

(Figures by Bureau of Census)

### Unmanufactured Asbestos—By Countries:

	August 1954
	Tons (2240 lbs.)
From Canada .....	49,924
Union of S. Africa .....	3,276
Australia .....	269
Rhodesia .....	688
So. B. Africa .....	58
Other Countries .....	22

54,237

Valued at..... \$4,437,550

### By Grades:

Crude, No. 1, Chrysotile, Canada .....	15
Crude No. 1, Chrysotile, Other Countries .....	13
Crude No. 2, Chrysotile, Rhodesia .....	53
Crude No. 2, Chrysotile, Other Countries .....	3
Crude, Other, Chrysotile, Canada .....	12
Crude, Other, Chrysotile, U. of S. Africa .....	152
Crude, Other, Chrysotile, Rhodesia .....	635
Crude, Other, Chrysotile, So. B. Africa .....	58
Crude, Blue, Australia .....	54
Crude, Blue, U. of S. Africa .....	1,155
Crude, Amosite, Union of S. Africa .....	1,896
Textile Fibres, Chrysotile, Canada .....	1,022
Textile Fibres, Chrysotile, Other Countries .....	5
Shingle Fibres, Chrysotile, Canada .....	4,863
Shingle Fibres, Chrysotile, Australia .....	215
Paper Fibres, Chrysotile, Canada .....	4,528
Other Fibres, Chrysotile, Canada .....	39,484
Other Fibres, Chrysotile, U. of S. Africa .....	73

54,237

### Manufactured Asbestos Goods:

	August 1954	
	Quantity (lbs.)	Value
Asbestos Yarn .....	13,779 *	\$11,132
Asbestos Packing & Lining .....	62	784



## **PACKOMATIC** Shows the way to increased efficiency in your **BALE SEALING** operation.

- **ADJUSTABLE**—to the accepted range of **ASBESTOS** Bale Sizes.
- **AUTOMATIC**—can be furnished with or without tucking device.
- **NEW**—engineered with the most advanced electrical and mechanical features available.
- **STURDY**—built for efficient-trouble-free performance to give long years of continuous service—finest workmanship and materials.
- **CUSTOM**—DEVELOPED OUT OF THE EXPERIENCE IN THE **ASBESTOS** INDUSTRY.



### **USERS:**

Canadian Johns-Manville Corp.  
The Ruberoid Company  
Flintkote Mines, Ltd.

We are represented in the principal cities of the United States, Canada and Overseas Export Offices in New York City.

*Your direct inquiry will receive prompt attention.*

# **PACKOMATIC**

**PACKAGING MACHINERY**

T. M. REG. U. S. PAT. OFF.

**J. L. FERGUSON CO. JOLIET, ILL.**

Chicago, New York, Boston, Philadelphia, Tampa,  
Cleveland, Denver, San Francisco, Los Angeles,  
Baltimore, Seattle, Portland, Dallas, New Orleans

Asbestos Shingles (Not Impreg.)		
Canada .....	1,093,972	66,973
Other Countries .....	10,882	1,135
Asbestos Manufactures—Others .....	....	1,074
	<hr/> 1,118,695	<hr/> \$81,098

## Exports from U.S.A.

(Figures by Bureau of Census)

	September 1954	
	Tons (2240 lbs.)	Value
To: Europe .....	65	\$16,591
Canada .....	18	3,300
South America .....	11	4,056
	<hr/> 94	<hr/> \$23,847

### Manufactured Asbestos Goods:

	September 1954	
	Quantity	Value
Asbestos Pipe Covg. & Cement .....	Lbs. 394,715	\$ 74,675
Asbestos Textiles & Yarn .....	Lbs. 73,817	56,567
Asbestos Packing .....	Lbs. 212,768	121,486
Asbestos Clutch Facings & Lining .....	No. 58,184	46,335
Asbestos Bk. Lng. (Mid.&S.Mld.) .....	Ft. 175,701	56,331
Asbestos Bk  Lng. Rolls (Woven)		
	Lin. Ft. 34,735	32,175
Asbestos Brake Lining Sets .....	Lbs. 302,522	240,973
Asbestos Construction Materials .....	Lbs. 3,136,591	194,559
Asbestos Manufactures—Others .....	....	15,547
		<hr/> \$838,648

## ASBESTOS-CEMENT MACHINERY

Wet machines with Auxiliaries for the production of 24" to 48" wide, flat or corrugated sheets in commercial lengths.

Fiberizing Equipment, Rotary Cutters, Wet and Dry Trimmers, Finishing and Texturing Machines.

Your inquiries are most welcome

### LINCOLN IRON WORKS

(Successors to Asbestos-Cement Associates, Inc.)

255 West Street

Rutland, Vermont

## **J-M JOINS WESTINGHOUSE AIR BRAKE CO.**

### **To Develop New Brake Shoe**

Formation of a company to produce and market a revolutionary new patented composition brake shoe for railroad cars and locomotives and subway equipment was recently announced by Westinghouse Air Brake Company and Johns-Manville Corporation, who jointly are developing the product.

The new development, known as the Cobra Brake Shoe, permits fast, smooth stops, using lower braking pressure than is possible with present equipment. It also delivers longer mileage life than brake shoes now used and will make possible savings in maintenance of rail brake equipment on railroad and subway cars now in existence as well as on new cars.

To produce and market the Cobra Brake Shoe, Westinghouse Air Brake and Johns-Manville have formed the Railroad Friction Products Corporation, with headquarters in Wilmerding, Pa. It is owned in equal shares by the two parent companies.

William C. Landis, Vice President and General Manager of the Air Brake Division of the Westinghouse Air Brake Company, has been named President of the Railroad Friction Products Corporation, and Raymond P. Townsend, Vice President of Johns-Manville Sales Corporation and Manager of the Transportation Industry Department, is Vice President of the new company.

## **INDUSTRIAL SERVICE COMPANY**

**Builders of**

### **ASBESTOS CEMENT MACHINERY**

**Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.**

**Your Inquiries Are Invited**

**1-51 Paterson Avenue**

**E. Rutherford, N. J.**

## Exports From Canada

(Published by Dominion Bureau of Statistics)

### Unmanufactured Asbestos:

	October 1954	
	Tons (2000 lbs.)	Value
<i>Crude</i>		
United States.....	23	\$ 15,918
United Kingdom.....	20	20,700
South America.....	.....	.....
Central America & Mexico.....	.....	.....
European Countries.....	7	5,240
Other Countries.....	.....	.....
	50	\$ 41,858
<i>Milled</i>		
United States.....	15,507	\$2,319,910
United Kingdom.....	2,362	530,118
South America.....	1,989	337,003
Central America & Mexico.....	590	94,734
European Countries.....	6,191	1,226,983
Other Countries.....	4,535	716,826
	31,174	\$5,225,624
<i>Shorts</i>		
United States.....	44,991	\$2,108,598
United Kingdom.....	3,710	153,257
South America.....	403	25,015
Central America & Mexico.....	.....	.....
European Countries.....	3,870	242,639
Other Countries.....	443	33,150
	53,417	\$2,562,659
<i>Grand Total—Unmanufactured Asbestos</i>	84,641	\$7,830,141
<i>Manufactured Asbestos Goods:</i>		
Brake Lining.....		\$ 33,441
Packing.....		914
Other Materials.....		120,568
		\$ 154,923

### PUTTEN'S ASBESTOS CORPORATION OF SOUTH AFRICA

Exporters of all types and grades of  
RHODESIAN AND SOUTH AFRICAN  
ASBESTOS FIBRES

P. O. BOX 7167

JOHANNESBURG

The National Standard Parts Association awarded first prize in its annual essay contest to David E. Cunningham, Advertising Manager of Raybestos Division, Raybestos-Manhattan, Inc., Bridgeport, Conn.

The essay topic for 1954 was "What I Expect Of My Trade Association."

The winning essay was read to the membership of NSPA at the annual meeting in Chicago in December.

Sage Green Ceramo Siding has been added to the Carey line in response to numerous requests for a light green Ceramo siding.

Like the Sherwood Green, Granite Gray, Congo Brown and White Ceramo shingles, Sage Green combines the long life and tough, rugged protection of a quality asbestos cement base, with a glazed ceramic surface that seals out dust, grime, stains, moisture and stays clean and new looking. For additional information and illustrated literature, write The Philip Carey Mfg. Company, Dept. 8-C, Cincinnati 15, Ohio.

# ASBESTOS TEXTILES



are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.

Write: Asbeston® Dept., Textile Division  
**UNITED STATES RUBBER COMPANY**  
1230 Avenue of the Americas, New York 20, N. Y.



# NEWS OF THE INDUSTRY

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## HAPPY BIRTHDAY

- F. J. Quinn, 2nd Vice President, Smith Asbestos Products, Inc., Millington, N. J., January 16.
- A. F. Heinsohn, Vice President, General Asbestos & Rubber Division, Raybestos-Manhattan, Inc., N. Charleston, N. C., January 17.
- A. F. Matheis, Asst. Vice President, Thermoid Company, Trenton, N. J., January 17.
- Stanley Woodward, President, The Ruberoid Co., New York City, January 17.
- Sydney L. Miller, Secretary, Asbestos Products Mfg. Corp., Newark, N. J., January 18.
- Harry M. Shackelford, Vice President, (Charge of Sales Promotion), Johns-Manville Corp., New York City, January 18.
- E. C. Nankervis, President, Magnesia-Asbestos Insulation Co., New York City, January 19.
- R. W. Bair, District Manager, Armstrong Cork Co., Philadelphia, Pa., January 23.
- L. Diener, President, Smith & Kanzler Corporation, Linden, N. J., January 23.
- Harry A. Dutton, Sr., Dutton Asbestos & Supply Co., San Francisco, Calif., January 8.
- Geo. M. Sundheim, Secretary, Asbestos & Magnesia Materials Co., Chicago, Ill., January 26.
- F. H. Neher, Vice President & Director, The Flintkote Company, New York City, January 27.
- Herbert S. Hirschfeld, Standard Asbestos Co., New York City, January 27.
- A. A. Halle, Jr., Vice President & Treasurer, Southern Insulation Corp., Memphis, Tenn., January 30.
- James H. Watters, Chairman, Union Asbestos & Rubber Co., Chicago, Ill., January 30.
- Lt. Col. J. G. Ross, Director, Asbestos Corporation Limited, Thetford Mines, Canada, February 1.
- Alden A. Lofquist, President, Norristown Magnesia & Asbestos Co., Norristown, Pa., February 3.
- Arthur I. Rank, Universal Insulation Co., Philadelphia, Pa., February 5.
- Edward F. Rines, Secretary & Assistant Treasurer, Acme Asbestos Covering & Flooring Co., Chicago, Ill., February 5.
- Richard Matthews, Manager, Insulation Dept., Warren & Bailey Co., Los Angeles, Calif., February 6.
- George V. Parker, Chairman, Cellactite & British Uralite Ltd., Higham, Rochester, Kent, England, February 8.
- R. H. Dent, Secretary, The Cape Asbestos Company, London, England, February 9.

**ASBESTOS  
FIBRE**

**OF ALL TYPES**

**BRANDHURST COMPANY  
LIMITED**

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(Private Branch Exchange)**

**Cables:  
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London**

Wm. A. Bartelt, President, Bartelt Asbestos & Cork Inc., Appleton, Wisc., February 10.

Raymond P. Townsend, Vice President, Johns-Manville Corp., New York City, February 10.

H. A. Hirschfeld, President, Standard Asbestos Co., Inc., New York City, February 11.

Herbert L. Levine, President, Asbestos Products Mfg. Co., Newark, N. J., February 13.

Arthur H. Velleman, President, Ovimpex Inc., New York City, December 28.

Robert Walker, Chairman, The Cape Asbestos Co., London, England, February 13.

To all these gentlemen we extend best wishes and congratulations on the occasion of their birthdays.

#### **A.S.T.M.**

The American Society for Testing Materials will hold its annual Committee Week January 31 to February 4 at Cincinnati, Ohio. About 30 of the Society's 75 Committees have indicated their intentions of meeting during Committee Week; one of which is C-17 on Asbestos-Cement Products. There will be a total of about 300 committee and subcommittee meetings spread over the five-day period.

ASTM is a non-profit, national technical society organized in 1898 for the "promotion of knowledge of materials of engineering and standardization of specifications and methods of testing" with headquarters in Philadelphia. Norman L. Mochel, Manager, Metallurgical Engineering, Westinghouse Electric Corp., Philadelphia, is President of the Society and Robert J. Painter, also of Philadelphia, is Executive Secretary.

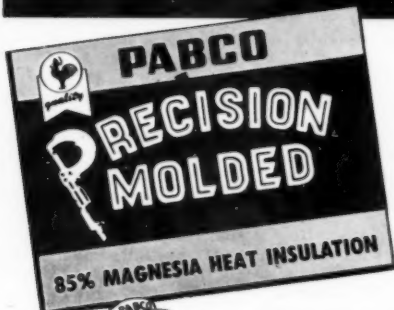
#### **CASSIAR CONSOLIDATED MINES**

Good Progress is reported by an underground crew cleaning out an old tunnel at the Portland Canal property of Cassiar Consolidated Mines, 4½ miles north of Stewart. The crew is using 35 tons of equipment, including a mucking machine and four mine cars.

Purpose of this work is to gain access to the second of nine veins which the geological survey stated were cut by the tunnel. All the veins were reported over two feet in width. The second or objective vein was reached at 2,600 feet. Exact information is not available but the present company believes good gold-silver-lead-zinc ore was drifted on for 400 feet with possibly an average width of about four feet.



# NOW, AS ALWAYS—

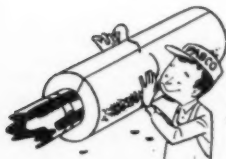


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Dependable  
Standard-  
Modernized*



## UNIFORM PRECISION

Dependable precision in heat insulation, to meet modern engineering demands! Pabco "Precision Molded" 85% Magnesia combines time-tested superiority with precision molding—close tolerances, controlled sizes, light weight, uniform texture!



## SAVES MAN HOURS

Thus, Pabco is faster to apply! Easier to lift, quicker to cut and score, simpler to embed tie wires! You get Precision fit—pipe sizes and blocks molded to exact size!



# PABCO PRODUCTS INC.

INSULATION DIVISION

San Francisco 19

New York 16

Manufacturers of Heat Insulation since 1920

## **TURNER & NEWALL LIMITED**

### **Directors' Report**

Copy of Directors' Report for fiscal year ending September 30, 1954, has been received from Turner & Newall Limited, the annual general meeting having been held on January 11, 1955.

The net profit for the year after taxation was £5,300,680.

During the year under review their African Mining companies have produced consistently, but at a lower level than has been the case in recent years. This resulted from a definite lessening of the demand for raw asbestos throughout the free world, a lessening which was apparent in respect of all grades other than spinning fibre.

Their Canadian Mining Company, Bell Asbestos Mines, Ltd., experienced a very satisfactory year's trading, at a somewhat lower level than during the previous year but nevertheless a creditable achievement in conditions of waning demand for the shorter grades.

The Company's relations with Cassiar Asbestos Corporation, Ltd., are excellent, and with maximum co-operation between the two organizations Cassiar fibre has been introduced to the market with satisfaction to all concerned.

Recently Bell Asbestos Mines Ltd., in collaboration with their neighboring producers at Thetford Mines, have achieved completion of the railway engineering work involved in that section of a major scheme to divert the passage of the Quebec Central Railway through the township by the construction of a new loop, and, although the cost is heavy and to a considerable extent has to be borne by the Canadian mining company, the result of the entire scheme will be to free large quantities of otherwise frozen ore, and ensure the continuance of Bell Mine operations for many years to come.

## **UNION ASBESTOS & RUBBER CO.**

### **New Texas Plant**

The Union Asbestos & Rubber Company's new Tyler, Texas, plant started production of Unibestos pipe insulation on December 31, 1954. Unarco acquired the new Texas facility last August to replace the company's McGregor, Texas, plant, which was taken over by the government.

The task of dismantling machinery used at McGregor for shipment and installation at Tyler was done in record breaking time.

### **JAMES E. SKANE PASSES AWAY**

James E. Skane, an engineer and executive of the Manhattan Rubber Division of Raybestos-Manhattan, Inc. died on December 15th after a prolonged illness. Mr. Skane was born in Oldham, England. He attended Brown University and started with Manhattan 34 years ago as a laboratory rubber specialist, and did considerable work on rubber compounding and textile improvements. He later became a sales engineer on rubber specialties.

# **Antony Gibbs & Co., Inc.**

**61 Broadway  
New York 6, New York  
Tel. Digby 4-6580**

*Sole Distributors in North America of*

## **ASBESTOS FIBRES**

Offered by

**S. A. ASBESTOS TRADING (PTY.) LTD.  
Johannesburg**

From the Mines of:

### **RHODESIAN CHRYSOTILE**

Vanguard Asbestos Mines  
Boss Asbestos Mines  
Associated Asbestos Mines  
Norma Asbestos Mines

### **UNION CHRYSOTILE**

Scottro Asbestos Mines

### **CAPE BLUE**

Kuruman Cape Blue Asbestos

### **TRANSVAAL BLUE**

Baboon Asbestos Co.  
Springbok Asbestos Co.

**AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC**  
**Elected Officers**

New officers for 1955 have been announced by the American Council of Independent Laboratories, Inc. Elected President is *Lewis F. Herron* of Cleveland, Ohio, President of James H. Herron Co. Other officers are Vice President, *Dr. Alvin C. Purdy* of New York City, President of Bull & Roberts, Inc.; Secretary, *Dr. Roger W. Truesdail* of Los Angeles, President of Truesdail Laboratories, Inc., and Treasurer, *F. H. Wright* of New York, Vice President of Lucius Pitkin, Inc. The Executive Committee is composed of the elected officers, the immediate Past President of the Council, *Fred B. Porter* of Fort Worth, President of Southwestern Laboratories; *W. D. Langtry* of Chicago, President of Commercial Testing & Engineering Co.; *C. A. Lashbrook* of Oklahoma City, President of Oklahoma Testing Laboratories; and *Herbert D. Imrie* of San Francisco, President of Abbot A. Hanks, Inc.

The American Council of Independent Laboratories, Inc. (formerly the American Council of Commercial Laboratories) is the professional association of independent scientific laboratories. There are 65 member laboratories with 66 branches located in the chief metropolitan centers of the country.

**RUSSELL MFG. COMPANY**

The Russell Mfg. Company of Middletown, Conn., has announced the appointment of a new advertising agency—Woodward & Byron, Inc. of Westport, Conn. This is the first agency change for Russell since 1921 and is the first step in starting an intensified advertising program.

**THE RUBEROID COMPANY**

*John R. Marshall* has been appointed a sales representative for The Ruberoid Company. He will serve distributors in the states of Utah and Idaho.

Before joining Ruberoid, Mr. Marshall was employed by the Bakelite Company. For the past year, his territory for Ruberoid covered metropolitan New York.

**MOUNTBRIDGE EXPLORATION &  
INVESTMENT CO. (PTY.) LTD.**

Lubraco House, C/r Nugget & Pritchard Streets,  
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*South African and Rhodesian  
Asbestos Fibres*

**ENQUIRIES WELCOME**

#### TEN ASBESTOS CLAIMS TO BE DEVELOPED

Plans are underway for immediate development of 10 asbestos claims, awarded to the successful bidder, Evert Hagan, 115 North Eastern Ave., Los Angeles 22, California.

Claims were offered by U. S. Department of Interior on the Ft. Apache Indian Reservation near Whitewater, Arizona on the Salt River.

Milling equipment and works are to be installed in January 1955. Preliminary reports indicate claims have a very extensive deposit of high grade asbestos up to  $\frac{3}{4}$ " and perhaps uranium.

**ASBESTOS FIBRES**  
**ASBESTOS WASTE**  
**Frank G. Ruggles Co. Inc.**  
50 CHURCH STREET  
NEW YORK 7, NEW YORK



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New York 19, N. Y.

## **INSULATION DISTRIBUTOR-CONTRACTORS**

### **National Association, Inc.**

A second general meeting of the INSULATION DISTRIBUTOR-CONTRACTORS ASSOCIATION is being planned for the month of February 1955 and will be held in Chicago. An announcement as to the exact dates for the meeting as well as the location in Chicago will be sent to all persons on the Association's mailing list.

Any organization interested in sending representatives to the Chicago meeting may obtain full information by writing to the Association's headquarters, 3420 Dent Place, N.W., Washington, D.C.

Manufacturers of both insulation materials and sundries are being invited to join the National Association as Associate Members, and their representatives too will be welcome at the February meeting.

## **AMERICAN BRAKE SHOE COMPANY**

### **New Appointments**

American Brake Shoe Company has elected *Cyrus E. Brush* vice-president; *Alfred H. Munkenbeck, Jr.*, was named secretary and *William J. Foster, III*, assistant secretary. *Howard C. Buschman, Jr.*, was appointed general attorney.

C. E. Brush, formerly secretary, joined American Brake Shoe Company in 1943 as an attorney. He was elected assistant secretary in 1947 and secretary in 1949.

Alfred G. Hunkenbeck, Jr., formerly assistant secretary, succeeds Mr. Brush as secretary. He joined Brake Shoe in 1951 having previously been associated with a New York law firm.

William J. Foster, III, joined Brake Shoe as an attorney in 1953. Prior to coming with the firm he was with the legal department of General Electric.

Howard C. Buschman, Jr., joined Brake Shoe as an attorney in 1952. Prior to coming with the firm, he was associated with a law firm.

## **PLANT INSULATION COMPANY**



*Distributors and Contractors of Industrial  
Insulations for All Temperatures and  
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## PABCO—ORGANIZATION CHANGES

W. L. Keady, President, announces the promotion of J. C. (Jess) Voiles to the position of Sales Manager, Insulation Department, effective January 1, 1955. Mr. Voiles is well known within the Industry, with national experience in every phase of insulation work.

In accordance with a basic policy of Pabco, R. H. (Reub) Chase will retire as Manager, Insulation Division, effective December 31, 1954. Mr. Keady states, however, that consistent with the demands of Mr. Chase's new business venture, he has asked him to continue available to Pabco for specific assignments. This Mr. Chase has consented to do.

## ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.

	Par	December 1954		
		Low	High	Last
Amer. Br. Shoe (Com).....	np	33	35½	35¼
Amer. Br. Shoe (Pfd).....	100	101	103	102
Armst. Ck. (Com).....	np	85¼	90½	90½
Armst. Ck. (Pfd).....	np	101½	102¼	101½
Armst. Ck. (Conv. Pfd).....	np	173	180	180
Asb. Corp. (Com).....	np	03¾	35	35
Carey (Com).....	10	27½	30	29½
Cassiar Asb. Corp. ....	np	\$6.05	\$6.45	\$6.35
Celotex (Com).....	np	25¾	30¼	30¼
Celotex (Pfd).....	20	18¼	19½	19½
Certainteed (Com).....	1	24	28¾	28¾
Dominion Asb. Mines .....	1	\$ .15	\$ .20	\$ .17
Flintkote (Com).....	np	40	42¾	41¾
Flintkote (Pfd).....	np	101½	104½	101½
Johns-Manville (Com).....	np	84¼	88¾	89
Natl. Gypsum (Com).....	1	15¾	49¾	49¾
Natl. Gypsum (Pfd).....	np	102	104	103
Pabco Products (Com).....	np	22¾	26¾	25¾
Pabco Products (Pfd).....	100	95	97	97
Ray-Man (Com).....	np	48¾	52¼	50
Ruberoid (Com).....	1	46½	49	48
Thermoid (Com).....	1	8	9	9
Thermoid (Pfd).....	50	43	44	43¾
Union Asb. & Rub. (Com).....	5	9	10	10
United Asb. (Com).....	1	\$3.90	\$4.95	\$4.75
U. S. Gypsum (Com).....	20	215	229	229
U. S. Gypsum (Pfd).....	100	181½	184	183
U. S. Rubber (Com).....	5	42½	46¾	44¾
U. S. Rubber (Pfd).....	100	157½	163	161



## ARMSTRONG CORK COMPANY

The assignment of broadened responsibilities to *M. J. Warnock*, Vice President of the Armstrong Cork Company since 1950 and Treasurer since 1943, was recently announced. Mr. Warnock is assuming responsibility for coordinating and strengthening the Company's financial affairs.

*Walter E. Hoadley, Jr.* was elected to succeed Mr. Warnock as Treasurer. Mr. Hoadley will continue to serve as Company Economist and Manager of Commercial Research.

*A. Hugh Forster*, Assistant to the President, will serve as assistant to Mr. Warnock in the field of employee and public relations. He has been a member of the Armstrong organization since 1939.

*W. N. Hartman*, the Company's General Credit Manager has been elected as an Assistant Treasurer. He has been a member of the company since 1939.

## CURRENT RANGE OF PRICE

As of January 10, 1955

Arizona—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona
No. 1 Crude (soft) .....	\$1,600.00 to \$1,700.00
No. 2 Crude (soft) .....	1,000.00 to 1,050.00
No. 3 Crude (soft) .....	450.00 to 500.00
Filter Fibre (soft) .....	250.00 to 450.00
No. 1 Crude (semi-soft) .....	1,200.00 to 1,500.00
No. 2 Crude (semi-soft) .....	900.00
No. 3 Crude (semi-soft) .....	400.00

Canada—	Per Ton (2000 lbs. f.o.b. Mine
Group No. 1 (Crude No. 1) .....	\$1,100.00 to \$1,500.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry .....	500.00 to 1,000.00
Group No. 3 (Spinning Fibre) .....	300.00 to 525.00
Group No. 4 (Shingle Fibre) .....	150.00 to 200.00
Group No. 5 (Paper Fibre) .....	100.00 to 140.00
Group No. 6 (Waste, Stucco or Plaster) .....	77.00
Group No. 7 (Refuse or Shorts) .....	35.00 to 70.00

Vermont—	Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.
Group No. 3 (Spinning & Filtering) .....	\$ 321.00 to \$ 348.00
Group No. 4 (Shingle Fibre) .....	156.00 to 173.00
Group No. 5 (Paper Fibre) .....	109.00 to 132.00
Group No. 6 (Waste, Stucco or Plaster) .....	77.00
Group No. 7 (Refuse or Shorts) .....	37.00 to 68.50

## Imports of Asbestos by United Kingdom

### Raw Materials

	October 1954 Tons (2240 lbs.)
From: Union of South Africa .....	731
Southern Rhodesia .....	1,113
Basutoland, Bechuanaland & Swaziland ..	317
Canada .....	5,715
Other Commonwealth Countries and the Irish Republic .....	2
Foreign Countries .....	29
	<hr/> 7,907

These figures were supplied by the Mining Journal Limited of London.

### ASBESTOS ASPHALT INSULATION, INC.

*Daniel S. McGuire* is the new President of Asbestos Asphalt Insulation, Inc. of Chicago. *Frank C. LeRow* remains as Executive Vice President and *T. M. Thorsen* is Comptroller.

Over thirty years distributing and applying Asbestos, Asphalt, Roofing and Insulation Products, contractors for Pipe and Boiler Coverings (hot or cold lines) in volume running several millions of dollars, this company is located at 2100 Fullerton Avenue and serves the central Midwest states.



## THE COLONIAL SUGAR REFINING CO. LTD. SYDNEY, AUSTRALIA

*Sole Distributors for*

**AUSTRALIAN BLUE ASBESTOS LIMITED,  
PRODUCERS OF AUSTRALIAN RAW BLUE  
ASBESTOS. MINES AT WITTENOOM, W.A.**

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Argentina, Belgium, Brazil, Denmark,  
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Minerals Fibres Ltd.,  
Market Buildings,  
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Carters (Merchants) Ltd.,  
Winchester House,  
Old Broad St., LONDON.

*Australian Blue is an ideal fibre for asbestos cement and for purposes requiring good heat insulation and acid resistance. It possesses excellent spinning properties. Samples are available upon request.*

**Complete Plants for making Asbestos Cement Pipes**

Socketed and Non-socketed,  
Automatic Pipe Testing Machines — Precision Steel Mandrels  
Plants for making Sheets,

*Plants designed, equipped and financed*

**ASBESTOS CEMENT ENGINEERING CO. S. ar. I.**  
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*The largest exporters of Chrysotile Fibre  
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*Importers, Exporters, Processors  
of All Varieties of*

**RAW ASBESTOS**

*for  
Every Use*

**451 COMMUNIPAW AVE.**

**JERSEY CITY, N. J.**

#### **AMERICAN BRAKE SHOE CO.**

*Harry C. Platt* has been elected executive vice-president of the Engineered Castings Division of American Brake Shoe Company. Formerly vice-president in charge of production, Mr. Platt joined the company as a metallurgist in various divisions until 1949 when he was appointed vice-president of the Engineered Castings Division.

*S. Whitney Dickey* has been appointed assistant vice-president of the Brake Shoe & Castings Division of American Brake Shoe Company. Mr. Dickey, formerly eastern district sales manager for the Division in New York, joined the company as an apprentice in 1948.

#### **R-M VICE PRESIDENT RETIRES**

After serving 45 years, *Harry E. Smith's* voluntary retirement was recently announced by Raybestos-Manhattan, Inc. He was Vice President in charge of Rubber Products Sales and member of The Board of Directors and Executive Committee.

Mr. Smith worked up through the ranks in clerical, administrative and sales capacities, becoming Vice President in Charge of Rubber Products Sales for the Corporation. He is also a Director of the Rubber Manufacturers Association, Inc., being prominent on several Committees.

#### **J-M APPOINTS NEW DISTRICT MANAGER**

Johns-Manville has recently appointed *John H. Goodwin* as San Francisco District Manager of the J-M Industrial Products Division.

Mr. Goodwin succeeds *Ervin H. Clausen*, who retired after 34 years of service in the San Francisco District.

Mr. Goodwin's entire career with Johns-Manville has been with the San Francisco office. Beginning in 1945 he was successively Staff Engineer and Commodity Manager and early in 1954 was appointed Assistant San Francisco District Manager.

#### **HERCULES OPENS NEW PLANT**

After operating in Paterson since it was founded, Hercules Filter Corporation now joins the trek to open country and more congenial surroundings by moving to Hawthorne, New Jersey, a suburb of Paterson.

The improved facilities, and added room will spell an advantage for customers in even better products and improved service.

Asbestos Exploration

Mine Development

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*Mintex Brake & Clutch Liners*

*& other Friction materials*

*All types of belting*

*for industry including*

*SCANDURA the original P.V.C.*

*fireproof conveyor belting.*

**BRITISH BELTING & ASBESTOS LTD**

**CLECKHEATON • YORKSHIRE • ENGLAND**

**LONDON OFFICE • 59 SOUTHWARK STREET • S.E.1**

#### **CLARK ELECTED PRESIDENT OF**

##### **Mineral Wool Group**

*E. K. Clark*, vice-president of Johns-Manville Corp., was elected president of the National Mineral Wool Association at the recent annual meeting at Sea Island, Ga.

Mr. Clark, who succeeds John W. Brown as president, has been active in the home building field for many years. He joined J-M in 1934 and has held a number of responsible positions in the building products division. Mr. Clark was made vice-president and merchandise manager of the division in 1951.

The Editor and Associates appreciate the various Christmas Cards, Greetings and Calendars received from the many kind people in the Industry. Cards were received from all over the world. Remember — we are here to serve you.

We wish to thank those who sent in Greetings (see pages 2 to 14 inclusive). Our readers will find these very interesting.

Probably the most important single influence in keeping the 1953-54 recession within moderate bounds, according to the Chamber of Commerce of the United States, was the continued vigor of the building industry during that period.



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*Specialising in asbestos production in*

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85% MAGNESIA  
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**TOP PERFORMANCE . .** Thermalite 85% Magnesia Insulation is engineered for maximum heat saving. Use d for temperatures up to 600° F., it has low thermal conductivity . . . is uniform . . . durable . . . resists wear . . . resists moisture . . . will not shrink, warp, or structurally deteriorate.

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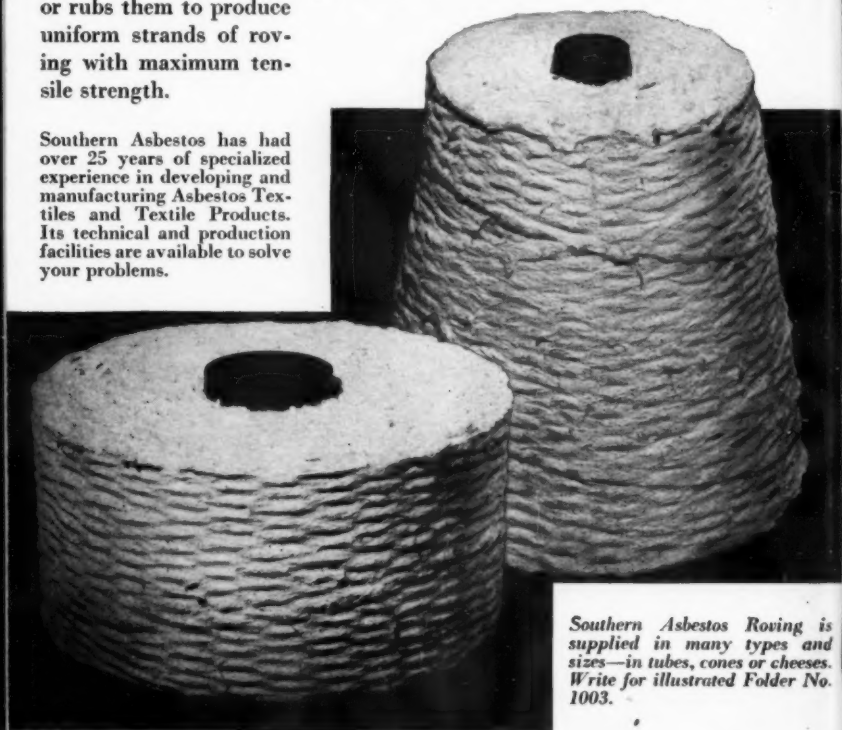


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Southern Asbestos Roving—a single cord of untwisted asbestos fibre—is widely used to flame-proof many types of electrical wires and cables. Carefully selecting the proper fibres, Southern cards them and condenses or rubs them to produce uniform strands of roving with maximum tensile strength.

Southern Asbestos has had over 25 years of specialized experience in developing and manufacturing Asbestos Textiles and Textile Products. Its technical and production facilities are available to solve your problems.



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THREAD • CORD • CLOTH • ROPE • YARNS • CARDED FIBRE  
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